

COMMONWEALTH OF KENTUCKY
BEFORE THE PUBLIC SERVICE COMMISSION

In the Matter of:

A REVIEW OF THE ADEQUACY OF)	
KENTUCKY S GENERATION CAPACITY)	ADMINISTRATIVE
AND TRANSMISSION SYSTEM)	CASE NO. 387

O R D E R

On December 20, 2001, the Commission issued an Order in this case addressing various issues relating to the supply of electric generation and transmission in Kentucky. On January 14, 2002, Louisville Gas and Electric Company (LG&E) and Kentucky Utilities Company (KU) filed a request for the Commission to revise certain information relating to LG&E and KU as set forth in Appendices B and D to that Order.

Appendix B, which listed each regulated electric generating resource, inadvertently omitted LG&E s 2001 combustion turbine and reflected some minor variations from the actual capacity for other LG&E and KU units. In total, LG&E and KU have a combined generating capacity of 6,831 megawatts, which is 58 megawatts more than the capacity shown in Appendix B. LG&E and KU also requested limited revisions to Appendix D, which identified each utility s forecast demand, capacity resources and additions, and reserve margins for the years 2002, 2006, and 2010. The revisions are to reflect inclusion of LG&E s and KU s planned 2002 capacity additions and the reclassification, from new resources to demand reductions, of the results of new demand-side management programs.

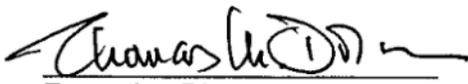
Based on a review of the request by LG&E and KU and the evidence of record, the Commission finds good cause to revise Appendices B and D as requested. Attached hereto are revised Appendices B and D to supplant those issued on December 20, 2001. These revisions are minor in nature and have no impact on any of the findings or conclusions in the body of the December 20, 2001 Order.

IT IS THEREFORE ORDERED that the December 20, 2001 Order is modified to the limited extent that Appendices B and D attached thereto are supplanted by Revised Appendices B and D attached hereto. All other provisions of the December 20, 2001 Order shall remain in full force and effect.

Done at Frankfort, Kentucky, this 31st day of January, 2002.

By the Commission

ATTEST:


Executive Director

REVISED APPENDIX B

APPENDIX TO AN ORDER OF THE KENTUCKY PUBLIC SERVICE COMMISSION
IN ADMINISTRATIVE CASE NO. 387 DATED JANUARY 31, 2002

Big Rivers Electric Corp.

<u>Plant Name</u>	<u>Unit #</u>	<u>Location</u>	<u>Operation Date</u>	<u>Facility Type</u>	<u>Demo Performance MW</u>	<u>Name Plate MW</u>	<u>Fuel</u>	<u>Plant MW</u>
Reid	1	Sebree	1966	Steam	65	80	Coal	65
Coleman	1	Hancock Co.	1969	Steam	150	160	Coal	455
	2		1970	Steam	150	160	Coal	
	3		1972	Steam	155	160	Coal	
Station Two	1	Sebree	1973	Steam	154	176	Coal	315
	2		1974	Steam	161	179	Coal	
Green	1	Sebree	1979	Steam	231	242	Coal	454
	2		1981	Steam	223	242	Coal	
Wilson	1	Ohio Co.	1986	Steam	409	440	Coal	409
Reid CT	1	Sebree	1976	CT	65	66	NG/Oil	65
Total Big Rivers*								<u>1763</u>

* Big Rivers capacity is leased to a non-regulated operator.
It purchases 100% of its current capacity requirements.

East Kentucky Power Cooperative , Inc.

<u>Plant Name</u>	<u>Unit #</u>	<u>Location</u>	<u>Operation Date</u>	<u>Facility Type</u>	<u>Demo Performance MW</u>	<u>Name Plate MW</u>	<u>Fuel</u>	<u>Plant MW</u>
Dale	1	Ford	1954	Steam	24	24	Coal	198
	2		1954	Steam	24	24	Coal	
	3		1957	Steam	75	80	Coal	
	4		1960	Steam	75	80	Coal	
Cooper	1	Somerset	1965	Steam	116	100	Coal	341
	2		1969	Steam	225	221	Coal	
Spurlock	1	Maysville	1977	Steam	325	340	Coal	850
	2		1981	Steam	525	586	Coal	
Smith	1	Trapp	1996	CT	149	110	NG/Oil	546
	2		1996	CT	149	110	NG/Oil	
	3		1996	CT	149	110	NG/Oil	
	4		2001	CT	108	108	NG/Oil	
	5		2001	CT	108	108	NG/Oil	
Total East Kentucky								<u>1935</u>

REVISED APPENDIX B

American Electric Power

<u>Plant Name</u>	<u>Unit #</u>	<u>Location</u>	<u>Operation Date</u>	<u>Facility Type</u>	<u>Demo Performance MW</u>	<u>Name Plate MW</u>	<u>Fuel</u>	<u>Plant MW</u>
Big Sandy	1	Louisa	1963	Steam	260	280	Coal	1060
	2		1969	Steam	800	816	Coal	
Total AEP								1060

Kentucky Utilities Co.

<u>Plant Name</u>	<u>Unit #</u>	<u>Location</u>	<u>Operation Date</u>	<u>Facility Type</u>	<u>Demo Performance MW</u>	<u>Name Plate MW</u>	<u>Fuel</u>	<u>Plant MW</u>
E.W.Brown	1	Burgin	1957	Steam	104	100	Coal	1692
	2		1963	Steam	168	156	Coal	
	3		1971	Steam	439	409	Coal	
	5		2001	CT	133	123	NG	
	6		1999	CT	164	170	NG/Oil	
	7		1999	CT	164	170	NG/Oil	
	8		1995	CT	130	126	NG/Oil	
	9		1994	CT	130	126	NG/Oil	
	10		1995	CT	130	126	NG/Oil	
	11		1996	CT	130	126	NG/Oil	
	Ghent		1	Ghent	1974	Steam	483	
2		1977	Steam		492	556	Coal	
3		1981	Steam		493	557	Coal	
4		1984	Steam		494	556	Coal	
Green River	1	Central City	1950	Steam	26	38	Coal	227
	2		1950	Steam	27	38	Coal	
	3		1954	Steam	71	75	Coal	
	4		1959	Steam	103	114	Coal	
Pineville	1	Four Miles	1951	Steam	34	38	Coal	34
Tyrone	1	Tyrone	1947	Steam	27	31	Oil	129
	2		1948	Steam	31	31	Oil	
	3		1953	Steam	71	75	Coal	
Dix Dam	1	Burgin	1925	Hydro	8	9		24
	2		1925	Hydro	8	9		
	3		1925	Hydro	8	9		
Haefling	1	Lexington	1970	CT	15	21	NG/Oil	45
	2		1970	CT	15	21	NG/Oil	
	3		1970	CT	15	21	NG/Oil	
Lock 7	1	Ky. River	1927	Hydro	0	2		0
Total KU								<u>4,113</u>

REVISED APPENDIX B

Louisville Gas &
Electric Co.

<u>Plant Name</u>	<u>Unit #</u>	<u>Location</u>	<u>Operation Date</u>	<u>Facility Type</u>	<u>Demo Performance MW</u>	<u>Name Plate MW</u>	<u>Fuel</u>	<u>Plant MW</u>
Trimble Co.*	1	Bedford	1990	Steam	*495	566	Coal	495
Mill Creek	1	Louisville	1972	Steam	303	356	Coal	1470
	2		1974	Steam	301	356	Coal	
	3		1978	Steam	386	463	Coal	
	4		1982	Steam	480	544	Coal	
Cane Run	4	Louisville	1962	Steam	155	164	Coal	563
	5		1966	Steam	168	209	Coal	
	6		1969	Steam	240	272	Coal	
Cane Run	11	Louisville	1968	CT	16	16	NG/Oil	16
Paddys Run	11	Louisville	1968	CT	17	16	NG	201
	12		1968	CT	26	33	NG	
	13		2001	CT	158	178	NG	
Zorn	1	Louisville	1969	CT	16	18	NG/Oil	16
Waterside	7	Louisville	1964	CT	17	20	NG/Oil	33
	8		1964	CT	16	25	NG/Oil	
Falls of Ohio		Louisville	1928	Hydro	48	80		48
Total LG&E								2,842
*LG&E is entitled to 75% of plant output.								<u>-124</u>
								<u>2,718</u>
Total Regulated Generating Capacity (Does not include Big Rivers' leased capacity)								9,950

REVISED APPENDIX D

APPENDIX TO AN ORDER OF THE KENTUCKY PUBLIC SERVICE COMMISSION
IN ADMINISTRATIVE CASE NO. 387 DATED JANUARY 31, 2002

Projected Year 2002	Big Rivers	East Ky	AEP-KY	LG&E/KU	ULH&P	NCP Total*
Requirements:						
Forecasted Peak Demand (MW)	632	2,323	1,538	6,698	842	12,033
New DSM (MW)	0	0	0	-11	0	-11
Net Peak Demand (MW)	632	2,323	1,538	6,687	842	12,022
Resources:						
Installed Capacity (MW) (Net Cap)	0	2,053	1,060	6,823	0	9,936
New Capacity Additions (MW)	0	0	0	304	0	304
Firm Purchases (MW)	775	620	390	562	842	3,189
Total Resources (MW)	775	2,673	1,450	7,689	842	13,429
Excess (Deficit) (MW)	143	350	-88	1,002	0	N/A
Actual Reserve Margin	22.5%	15.1%	-5.7%	15.0%	0.0%	N/A
Planning Reserve Margin	0.0%	15.0%	12.0%	11-14%	0.0%	N/A

Projected Year 2006	Big Rivers	East Ky	AEP-KY	LG&E/KU	ULH&P	NCP Total*
Requirements:						
Forecasted Peak Demand (MW)	677	2,622	1,670	7,306	922	13,197
New DSM (MW)	0	0	0	-104	0	-104
Net Peak Demand (MW)	677	2,622	1,670	7,202	922	13,083
Resources:						
Installed Capacity (MW) (Net Cap)	0	2,053	1,060	6,823	0	9,936
New Capacity Additions (MW)	0	820	0	784	0	1,604
Firm Purchases (MW)	775	170	0	552	922	2,419
Total Resources (MW)	775	3,043	1,060	8,159	922	13,959
Excess (Deficit) (MW)	98	419	-610	957	0	N/A
Actual Reserve Margin	14.5%	16.0%	-36.5%	13.3%	0.0%	N/A
Planning Reserve Margin	0.0%	15.0%	12.0%	11-14%	0.0%	N/A

Projected Year 2010	Big Rivers	East Ky	AEP-KY	LG&E/KU	ULH&P	NCP Total*
Requirements:						
Forecasted Peak Demand (MW)	725	2,973	1,752	7,869	970	14,289
New DSM (MW)	0	0	0	-123	0	-123
Net Peak Demand (MW)	725	2,973	1,752	7,746	970	14,166
Resources:						
Installed Capacity (MW) (Net Cap)	0	2,053	1,060	6,823	0	9,936
New Capacity Additions (MW)	0	820	0	1,424	0	2,244
Firm Purchases (MW)	775	550	0	539	0	1,864
Total Resources (MW)	775	3,423	1,060	8,786	0	14,044
Excess (Deficit) (MW)	50	450	-692	1,040	-970	N/A
Actual Reserve Margin	6.9%	15.1%	-39.5%	13.4%	N/A	N/A
Planning Reserve Margin	0.0%	15.0%	12.0%	11-14%	0.0%	N/A

* NCP - Non-coincident peak demand. This is the sum of the utilities' forecasted peak demands. It is non-coincident because different utilities' peak demands occur at different times of the year.